

## IN THE UNITED STATES DESIGNATED OFFICE

Applicants	Neil A. Williams, Timothy R. Hirst, and John Bienenstock
Serial No.	Filing Date: 10 July 2000
Title of Application	Agent for Treating Allergic or Hypersensitivity Condition

Commissioner of Patents  
and Trademarks  
Washington, DC 20231

BOX PCT, ATTENTION DO/US

**Transmittal Letter to the U.S. Designated Office (DO/US)**  
**Entry into the U.S. National Stage Under Chapter II**

Applicant herewith submits to the United States Designated Office (DO/US) the below listed items under 35 U.S.C. 371. The below-checked items are being transmitted by 30 months and a proper demand for International Preliminary Examination was made by the 19<sup>th</sup> month from the earliest claimed priority date, as evidenced by the documents cited below and enclosed herewith.

This is an express request to immediately begin national examination procedures (35 U.S.C. 371(f)).

1. A copy of the International Application as filed (35 U.S.C. 371(c)(2)):

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is transmitted herewith.

is not required as the application was filed with the U.S. Receiving Office.

has been transmitted by the International Bureau.

has been transmitted by applicant on ---.

**Express Mail Certification:** I hereby certify that this correspondence is today being deposited with the U.S. Postal Service as "Express Mail Post Office to Addressee" Mailing Label Number EL572277018US in an envelope addressed to: Box PCT, Commissioner of Patents and Trademarks, Washington, DC 20231.

July 10, 2000

*Mary M. Krinsky*  
Mary M. Krinsky

2. The U.S. National Fee (35 U.S.C. 371(C)(1)) and other fees (37 CFR) are indicated below:

Claims Fees			
Claims Fee – Number Filed	No. Extra	Rate	Calculation
Total Claims* 20 minus 20	= 0	@ 18	00.00
Independent Claims: 3 minus 3	= 0	@	00.00
Multiple Dependent Claims (if applicable)	= 0	@ \$260	0.00
Basic Fee – The International Search Fee, as set forth in Section 1.445(a)(2) to be paid to the US PTO acting as an International Searching Authority:	Has been paid (37 CFR 1.492(a)(2) ..... @ \$690		00.00
	Has not been paid (37 CFR (1.492(a)(3) ..... @ \$970		970.00
	Where a search report on the inter- national has been prepared by EPO or JOP ..... @ \$910		00.00
Total of above Calculations			\$970.00
Small Entity - Reduction by half for filing by a Small Entity			\$485.00
Subtotal			\$485.00
Total National Fee			\$485.00
Recording Assignment fee			00.00
TOTAL			Total Fees Enclosed \$485.00

\* See attached Preliminary Amendment.

**Authorization to Charge Fees.** A fee transmittal and check are enclosed herewith. The Commissioner is hereby authorized to charge any additional fees by this paper and during the entire pendency of this Application to Account No. 50-0212.

3. A translation of the International Application into the English language (35 U.S.C. 371(C)(2)):

	is transmitted herewith.
XX	is not required as the application was filed in English.
	was previously transmitted by applicant on ---.

4. Amendments to claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)):

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☐ are transmitted herewith.

☒ have not been transmitted, as

☐ no notification has been received that the International Search Authority has received the Search Copy.

☐ the Search Copy was received by the International Searching Authority, but the Search Report has not yet been issued.

☒ applicants chose not to make amendments under PCT Article 19. The date of mailing of the Search Report (from form PCT/ISA/210) is 1 June 1999.

5. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)):

☐ is transmitted herewith.

☒ is not required as the application was filed in English.

☒ has not been transmitted for reasons indicated at point 5 above.

6. An oath or declaration of the inventor [35 U.S.C. 371 (c)(4)] complying with 35 U.S.C. 115.

☐ was previously submitted by applicant on ---.

☒ is attached to the application.

☐ identifies the application and any amendments under PCT Article 19 which were transmitted as stated in points 3.b. or c. and 5.b; and states that they were reviewed by the inventor as required by 37 CFR 1.70.

☐ will follow.

7. An International Search Report or Declaration under PCT Article 17(2)(a):

☒ is transmitted herewith.

☒ has been transmitted by the International Bureau. The date of mailing (from form PCT/ISA/220) is 1 June 1999.

8. An Information Disclosure Statement under 37 CFR 1.97 and 1.98:

☒ is transmitted herewith, PTO/SB/08A and 08B (2 pages).

☐ will be transmitted within three months of the date of submission of requirements under 35 U.S.C. 371(c).

☐ Also transmitted herewith is/are:

☒ copies of citations listed (67 pages total, many double-sided).

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9. Additional documents:

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Copy of Request (PCT/RO/101) and Chapter II Demand (PCT/IPEA/401).  
Copy of the International Preliminary Examination Report (PCT/IPEA/409) and  
Written Opinion (PCT/IPEA/408).

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Preliminary Amendment (37 CFR § 1.121).  
Small Entity Statement.  
Other: Fee Transmittal and check for the filing fee.

Respectfully submitted,

10 July 2000

*Mary M. Krinsky*

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Mary M. Krinsky, Registration No. 32,423  
Attorney for Applicants  
79 Trumbull Street  
New Haven, CT 06511-3708  
203-773-9544

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) 485.00

### Complete if Known

Application Number	PCT/GB99/00070 US nat. phase entry
Filing Date	8 Jan. 1999 (internat.)
First Named Inventor	N.A. Williams
Examiner Name	
Group / Art Unit	
Attorney Docket No.	CTH-03

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 50-0212

Deposit Account Name Mary M. Krinsky

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760	201 380	Utility filing fee	\$485
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 485

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20	20** = 0	X	0
3	3** = 0	X	0
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 760	246 380	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 760	249 380	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

### SUBMITTED BY

Name (Print/Type)	Mary M. Krinsky	Registration No. (Attorney/Agent)	32423	Telephone	203-773-9544
Signature	Mary M. Krinsky	Date	10 July 2000		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Applicants: Neil A. Williams, Timothy R. Hirst, and John Bienenstock

Filing Date: 10 July, 2000

For: AGENT FOR TREATING ALLERGIC OR HYPERSENSITIVITY CONDITION

**Verified Statement (Declaration) Claiming Small Entity  
Status (37 CFR §§ 1.9(f) and 1.27(d) -- Nonprofit Organization)**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization, University of Bristol, Bristol BS8 1TD, UK.

Type of Organization: University or other institution of higher education.

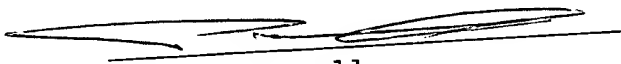
I hereby declare that the University identified above qualifies as a nonprofit organization as defined in 37 CFR §§ 1.9 (e) and (f) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled: **AGENT FOR TREATING ALLERGIC OR HYPERSENSITIVITY CONDITION** by inventors Neil A. Williams, Timothy R. Hirst, and John Bienenstock, described in the specification filed herewith, as the University of Bristol would qualify as a nonprofit scientific or educational organization under the statute if located in the United States.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR § 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of person signing:  
Title in organization:  
Address of person signing:

  
Peter Maxwell  
Acting Director  
Research Ventures Group  
University of Bristol  
Senate House, Tyndall Avenue  
Clinton, Bristol BS8 1TH, UK

Date: 20 June, 2000